



United States
Department of
Agriculture



National
Agricultural
Statistics
Service

In cooperation with

Mississippi Department of
Agriculture and Commerce

Weekly Weather Crop Report

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Week ending August 5, 2007

Released: 3:00 P.M., August 6, 2007

According to the National Agricultural Statistics Service in Mississippi, there were 6.1 days suitable for fieldwork for the **week ending Sunday, August 5, 2007**. Once again, much of the State is in need of rain, as high temperatures and dry conditions are causing stress to non-irrigated crops. Although there are early reports of harvesting activities for corn, sorghum and soybeans, the majority of crops will need some additional moisture to fulfill their yield potential. Hay harvesting activities have resumed and production from the second cutting is greater in comparison to the first cutting. Soil moisture was rated 6 percent very short, 33 percent short, 58 percent adequate and 3 percent surplus.

Crop progress for week ending 08/05/07

| Crop | This week | Last week | Last year | 5-year average |
|----------------------------|----------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Corn, dough | 100 | 98 | 100 | 97 |
| Corn, dent | 95 | 87 | 91 | 85 |
| Corn, mature | 51 | 32 | 64 | 37 |
| Corn, harvested | 2 | -- | 6 | 3 |
| Corn Silage, harvested | 80 | 55 | 86 | 71 |
| Cotton, squaring | 100 | 100 | 100 | 100 |
| Cotton, setting bolls | 96 | 90 | 97 | 95 |
| Cotton, open bolls | 1 | -- | 4 | 2 |
| Hay-Warm Season, harvested | 58 | 53 | 72 | 72 |
| Peanuts, pegging | 97 | 94 | 100 | -- |
| Rice, headed | 91 | 74 | 88 | 82 |
| Rice, mature | 4 | -- | 3 | 3 |
| Sorghum, heading | 100 | 99 | 100 | 100 |
| Sorghum, coloring | 59 | 31 | 95 | 80 |
| Sorghum, mature | 8 | -- | 63 | 25 |
| Soybeans, blooming | 100 | 99 | 100 | 99 |
| Soybeans, setting pods | 95 | 90 | 98 | 92 |
| Soybeans, turning color | 18 | 8 | 57 | 27 |
| Soybeans, dropping leaves | 5 | -- | 27 | 10 |
| Watermelons, harvested | 98 | 92 | 97 | 97 |

Crop condition for week ending 08/05/07

| Item | Very poor | Poor | Fair | Good | Excellent |
|----------------|----------------|----------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Corn | 11 | 20 | 31 | 27 | 11 |
| Cotton | 2 | 3 | 18 | 57 | 20 |
| Hay | 2 | 10 | 33 | 37 | 18 |
| Livestock | 4 | 11 | 29 | 46 | 10 |
| Pasture | 1 | 10 | 33 | 38 | 18 |
| Peanuts | 0 | 1 | 19 | 76 | 4 |
| Rice | 0 | 0 | 9 | 63 | 28 |
| Sorghum | 0 | 6 | 14 | 65 | 15 |
| Soybeans | 1 | 3 | 16 | 56 | 24 |
| Sweet Potatoes | 0 | 0 | 50 | 50 | 0 |
| Watermelons | 0 | 0 | 46 | 54 | 0 |

Comments

“The dog days of summer are here. High temps are putting a strain on some non-irrigated crops. Some corn is being harvested and dried. We still need some moisture to finish this crop out in August.”

— Jimbo Burkhalter, Tallahatchie

“Hay harvest is looking good for the second cutting; however, where it has been cut the second time, it is not growing back due to lack of moisture. We need another rain! Southern rust has shown up in the corn, but even the replanted corn is within 14 days of being mature.”

— Stephen R. Winters, Grenada

“A few growers started harvesting corn, grain sorghum and soybeans this past week. This week, most corn growers will be harvesting their crop. We harvested a grain sorghum variety plot this past week – the average yield for all fifteen varieties was 105 bushels per acre. Insect pressure is building in later planted soybeans and grain sorghum. Heavy irrigation activities continue in cotton and later planted soybeans.”

— Jerry Singleton, Leflore

“Fall armyworms and bollworms are showing up in grain sorghum heads with control necessary in some fields. Corn and grain sorghum are drying down and harvest has begun in older plantings. Cotton insect control is still taking place.”

— Tommy Baird, Sunflower

“Hot, dry weather has growers watering cotton and soybeans. Insect pressure is not as great as it has been.”

— Don Respass, Coahoma

“Milo is maturing rapidly - harvest should begin in 7 to 10 days. Early soybean harvest should also begin in 10 to 14 days. Cotton and beans look great, but will need a rain to fulfill their potential.”

— Mack Young, Quitman

“It's been hot and dry. All crops are in need of moisture.”

— Melvin Oatis, Benton

“Passing thunderstorms brought some relief to isolated areas of Northeast Mississippi over the last 6 days. The second cutting of hay is under way and much improved from a production standpoint compared to the first cutting. Producers will need a late fall cutting to secure enough hay for winter. Temperatures are on the rise and the drought conditions could return within 10 - 14 days if the rains do not continue. Prentiss, Alcorn and Tishomingo counties are still extremely dry in Northeast Mississippi.”

— Mike Howell, Lee

“Much of the area actually needs rain now. Scattered showers have provided moisture to some portions. Soybeans that are filling pods are especially in need of rain in several areas.”

— Ernest Flint, Attala

“I don't think we can bale enough hay from now until frost to make up for the drought stress period with little to no hay growth – but it's looking better.”

— Houston Therrell, Rankin

“Only widely-scattered, light showers were received this past week. We are rapidly returning to a drought condition which will affect our soybeans, cotton, and forages.”

— Ed Williams, Oktibbeha

“Hay harvest is in full swing.”

— Mark Gillie, Greene

“Recent thunder showers have provided moisture to improve grazing, as well as, providing growth that is beneficial for producers to get higher yields for summer hay. Rainfall has improved the yields for late vegetable crops in the county.”

— Florieda K. Mason, Perry

“Blueberry harvest is completed. Growers have completed pruning and plants are putting on new growth which will set buds for next year’s fruit. Growers termed the season as "great". Forage producers are harvesting hay between afternoon showers. Cattle are maintaining good body condition. Corn is drying down and growers would like to get the corn harvested before the threat of a hurricane.”

— Allen McReynolds, Wayne

(Additional comments appear at: <http://www.nass.usda.gov/ms/cwyears.htm>)

This publication is part of a series that first began in 1872 and has been continuously published since. In Mississippi, this report is a result of the cooperative efforts of:

| Mississippi Weather Summary for Week Ending 08/05/07 | | | | | | | | | | | | | |
|--|-----------------|-----|-----|------|-----|---------------|-------|-----------|------------|-------------------------|-----|-----|---------------|
| Division/Station | Air Temperature | | | | | Precipitation | | | | 4 Inch Soil Temperature | | | Avg Plan Evap |
| | Max | Min | Avg | Norm | DFN | One Week | DFN | Rain Days | Four Weeks | Max | Min | Avg | |
| Upper Delta | | | | | | | | | | | | | |
| Cleveland | 96 | 71 | 83 | 82 | 1 | 0.00 | -0.41 | 0 | 1.38 | | | | |
| Lambert | 99 | 70 | 85 | | | 0.30 | -0.40 | 1 | 6.30 | | | | |
| Tunica | 96 | 69 | 84 | 81 | 3 | 0.00 | -0.62 | 0 | 3.50 | | | | |
| Extreme/Average | 99 | 69 | 84 | 82 | 2 | 0.10 | -0.48 | 0 | 3.73 | | | | |
| North-Central | | | | | | | | | | | | | |
| Calhoun City | 94 | 67 | 82 | 81 | 1 | 0.27 | -0.52 | 3 | 3.77 | | | | |
| Hickory Flat | 99 | 67 | 83 | 80 | 3 | 0.00 | -0.88 | 0 | 2.38 | | | | |
| Independence | 96 | 66 | 82 | 80 | 2 | 0.02 | -0.70 | 1 | 6.53 | | | | |
| Oxford | 96 | 71 | 83 | 80 | 3 | 0.00 | -0.84 | 0 | 7.28 | | | | |
| Extreme/Average | 99 | 66 | 83 | 80 | 3 | 0.07 | -0.74 | 1 | 4.99 | | | | |
| Northeast | | | | | | | | | | | | | |
| Booneville | 98 | 71 | 85 | 80 | 5 | 0.08 | -0.73 | 1 | 0.08 | | | | |
| Iuka | 96 | 68 | 81 | 78 | 3 | 0.00 | -0.94 | 0 | 1.51 | | | | |
| Ripley | 100 | 69 | 83 | 79 | 4 | 0.13 | -0.67 | 1 | 2.87 | | | | |
| Tupelo | 97 | 71 | 84 | | | 0.49 | 0.00 | 1 | 6.15 | | | | |
| Verona | 98 | 70 | 83 | 81 | 2 | 2.25 | 1.48 | 3 | 7.15 | | | | |
| Extreme/Average | 100 | 68 | 83 | 80 | 3 | 0.59 | -0.22 | 1 | 3.55 | | | | |
| Lower Delta | | | | | | | | | | | | | |
| Moorhead | 96 | 71 | 84 | 82 | 2 | 0.27 | -0.48 | 3 | 1.56 | | | | |
| Rolling Fork | 97 | 71 | 84 | 82 | 2 | 0.33 | -0.40 | 2 | 7.61 | | | | |
| Stoneville | 98 | 70 | 85 | 82 | 3 | 0.02 | -0.56 | 1 | 2.50 | | | | |
| Yazoo City | 95 | 70 | 82 | 82 | 0 | 1.05 | 0.18 | 2 | 6.27 | | | | |
| Extreme/Average | 98 | 70 | 84 | 82 | 2 | 0.42 | -0.32 | 2 | 4.49 | | | | |
| Central | | | | | | | | | | | | | |
| Canton | 96 | 69 | 82 | 82 | 0 | 0.94 | 0.15 | 2 | 3.30 | | | | |
| Eupora | 95 | 67 | 81 | 80 | 1 | 0.53 | -0.21 | 1 | 2.81 | | | | |
| Lexington | 95 | 66 | 81 | 80 | 1 | 0.09 | -0.63 | 1 | 3.03 | | | | |
| Extreme/Average | 96 | 66 | 81 | 81 | 0 | 0.52 | -0.23 | 1 | 3.05 | | | | |
| East-Central | | | | | | | | | | | | | |
| Aberdeen | 97 | 72 | 84 | 81 | 3 | 0.10 | -0.60 | 1 | 1.15 | | | | |
| Philadelphia | 95 | 72 | 84 | 81 | 3 | 0.56 | -0.40 | 1 | 0.90 | | | | |
| State University | 99 | 70 | 84 | 81 | 3 | 0.47 | -0.38 | 2 | 2.99 | | | | |
| Extreme/Average | 99 | 70 | 84 | 81 | 3 | 0.38 | -0.46 | 1 | 1.68 | | | | |
| Southwest | | | | | | | | | | | | | |
| Crystal Springs | 96 | 70 | 84 | 82 | 2 | 0.29 | -0.52 | 2 | 4.96 | | | | |
| Natchez | 92 | 69 | 81 | 82 | -1 | 0.33 | -0.51 | 3 | 3.57 | | | | |
| Oakley | 96 | 68 | 84 | 81 | 0 | 2.76 | 1.92 | 3 | 11.54 | | | | |
| Vicksburg | 95 | 72 | 83 | | | 0.24 | 0.00 | 1 | 4.91 | | | | |
| Extreme/Average | 96 | 68 | 83 | 82 | 1 | 0.91 | 0.30 | 2 | 6.25 | | | | |
| South-Central | | | | | | | | | | | | | |
| Collins | 94 | 71 | 82 | 81 | 1 | 0.80 | -0.20 | 1 | 5.90 | | | | |
| Columbia | 95 | 70 | 82 | 82 | 0 | 1.06 | -0.09 | 3 | 2.97 | | | | |
| Tylertown | 91 | 70 | 81 | 81 | 0 | 1.29 | 0.06 | 3 | 2.64 | | | | |
| Extreme/Average | 95 | 70 | 82 | 81 | 1 | 1.05 | -0.08 | 2 | 3.84 | | | | |
| Southeast | | | | | | | | | | | | | |
| Hattiesburg | 95 | 71 | 83 | 82 | 1 | 2.99 | 1.78 | 4 | 5.52 | | | | |
| Laurel | 100 | 69 | 85 | 81 | 4 | 1.02 | -0.05 | 2 | 3.63 | | | | |
| Newton | 95 | 64 | 81 | 81 | 0 | 0.00 | -0.98 | 0 | 2.49 | | | | |
| Extreme/Average | 100 | 69 | 83 | 81 | 2 | 1.34 | 0.25 | 2 | 3.88 | | | | |
| Coastal | | | | | | | | | | | | | |
| Gulfport | 91 | 73 | 81 | 83 | 2 | 0.43 | -0.97 | 2 | 2.82 | | | | |
| Pascagoula 3 NE | 76 | 74 | 75 | 81 | -6 | 0.11 | -1.44 | 1 | 0.42 | | | | |
| Extreme/Average | 91 | 73 | 78 | 82 | -4 | 0.27 | -1.21 | 2 | 1.62 | | | | |
| State | 100 | 66 | 83 | 81 | 2 | 0.56 | -0.32 | 1 | 3.71 | | | | |

DFN = Departure from Normal.